

ABSTRACT

A photodiode array 1 is provided with an n-type silicon substrate 3. A plurality of photodiodes 4 are formed in array on the opposite surface side to an incident surface of light L to be detected, in the n-type silicon substrate 3. A resin film 6 for transmitting the light L to be detected is provided so as to cover at least regions corresponding to regions where the photodiodes 4 are formed, on the incident surface side of the light L to be detected, in the n-type silicon substrate 3.